

Title (en)
Rubber composition.

Title (de)
Kautschukmischung.

Title (fr)
Composition de caoutchouc.

Publication
EP 0478274 A1 19920401 (EN)

Application
EP 91308675 A 19910924

Priority
JP 25530990 A 19900927

Abstract (en)
Heat generation of a rubber composition can be lowered by incorporating into the composition a compound of the formula, (I), (II) or (III), <CHEM> where A is an aromatic group, hydantoin ring or straight chain hydrocarbon group having up to 18 carbon atoms, B is an aromatic group, X is hydroxy or amino, and Y is pyridyl or hydrazino.

IPC 1-7
C08K 5/25; **C08L 21/00**

IPC 8 full level
C08K 5/24 (2006.01); **C08K 5/16** (2006.01); **C08K 5/25** (2006.01); **C08L 7/00** (2006.01); **C08L 9/00** (2006.01)

CPC (source: EP US)
C08K 5/25 (2013.01 - EP US)

C-Set (source: EP US)
C08K 5/25 + **C08L 21/00**

Citation (search report)

- [X] GB 1330393 A 19730919 - SUN OIL CO
- [X] GB 909753 A 19621107 - ICI LTD
- [X] US 4124750 A 19781107 - O MAHONEY JR JOSEPH F
- [X] US 4607060 A 19860819 - KMIEC CHESTER J [US], et al

Cited by
US6787595B1; WO2010072762A1; EP1712546A1; EP1420044A3; EP1712545A1; EP1535961A4; FR2940298A1; EP1095972A1; WO2012084821A1; US9593231B2; WO2010072763A1; WO2022125679A1; DE112021006378T5

Designated contracting state (EPC)
DE ES FR GB IT LU NL

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 91308675 A 19910924; DE 69129572 T 19910924; ES 91308675 T 19910924; JP 25530990 A 19900927; US 40047995 A 19950308